

What is claimed is:

1. A radiation image radiographing apparatus comprising: a radiation source; a subject platform for supporting a subject so as to face the subject to the radiation source; and a plurality of supporting platforms for supporting a radiation image information detecting member in a side opposite to the radiation source with respect to the subject platform, the radiation image information detecting member detecting radiation image information based on radiation transmitted through the subject,

wherein a distance between one supporting platform and the radiation source is different from a distance between one of the other supporting platforms and the radiation source.

2. The apparatus of claim 1,

wherein at least one of the plurality of supporting platforms is placed where radiographing an absorption contrast image can be performed, and

the other plurality of supporting platforms than the at least one of the plurality of the supporting platforms are placed where radiographing a phase contrast image can be performed.

3. The apparatus of claim 1, wherein the plurality of supporting platforms are placed so as to fix distances from the radiation source thereto.

4. The apparatus of claim 1, further comprising a controller having a switcher for switching a radiography mode corresponding to each of the plurality of supporting platforms,

wherein the controller controls irradiation conditions of the radiation source according to information from the switcher.

5. The apparatus of claim 1, wherein the radiation image information detecting member is a photostimulable phosphor plate.

6. The apparatus of claim 1, wherein the radiation image information detecting member is a flat panel detector.

7. The apparatus of claim 1, further comprising an input device for inputting a radiography mode.

8. The apparatus of claim 7, wherein the input device is a radiation operation panel comprising keys capable of selecting the radiography mode.

9. The apparatus of claim 4,  
wherein each of the plurality of supporting platforms comprises a sensor for detecting whether the each of the

plurality of supporting platforms comprising the sensor is usable for radiography, and

the controller automatically obtains the radiography mode in the case of performing phase contrast image radiography when the sensor recognizes a status of each of the plurality of supporting platforms.

10. The apparatus of claim 4, wherein when a magnified image is radiographed in the radiography mode of phase contrast image radiography, the controller reduces a size of the magnified image back to substantially full scale to be output.

11. The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is capable of being evacuated from a location where the at least one of the plurality of supporting platforms faces the radiation source.

12. The apparatus of claim 11, wherein when the at least one of the plurality of supporting platforms is evacuated from the location where the at least one of the plurality of supporting platforms faces the radiation source, space opposite to the radiation source with respect to the subject platform is secured.

13. The apparatus of claim 1, wherein at least one

of the plurality of supporting platforms detachably supports the radiation image information detecting member.

14. The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is capable of being attached to and being detached from a body of the radiation image radiographing apparatus.

15. The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is capable of lying and standing.

16. The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is capable of extending and shrinking.

17. The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is capable of moving along an irradiation direction of the radiation from the radiation source.

18. The apparatus of claim 1, wherein at least one of the plurality of supporting platforms is capable of rotating from a location where the at least one of the plurality of supporting platforms faces the radiation source toward a side of the radiation source or a side opposite to

the radiation source.

19. The apparatus of claim 18,  
wherein the at least one of the plurality of supporting  
platforms comprises a cut portion, and  
when the at least one of the plurality of supporting  
platforms rotates, at least a part of one of the other  
plurality of supporting platforms and the subject platform  
passes through the cut portion.

20. The apparatus of claim 18, wherein at least two  
of the plurality of supporting platforms are supporting  
platforms for phase contrast image radiography.

21. The apparatus of claim 18, wherein sizes of the  
plurality of supporting platforms and the subject platform  
decrease as distances thereof from the radiation source  
become shorter.

22. The apparatus of claim 18, wherein the radiation  
image information detecting member supported by a supporting  
platform located the closest to the radiation source among  
the plurality of supporting platforms is larger than the  
subject.